



Docket No.: NSI.6382

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Hughey et al.

GROUP: 2881

SERIAL NO: 09/938,277

EXAMINER: Unknown

FILED: 08/23/2001

FOR: SAMPLE INTRODUCTION INTERFACE
FOR ANALYTICAL PROCESSING

Assistant Commissioner of Patents
Washington, D.C. 20231

Attn: Official Draftsman

TRANSMITTAL OF FORMAL DRAWINGS

Applicant submits herewith new drawing(s) for this application. Attached please find sixteen (16) sheets of formal drawings for this application.

The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further extension and/or fee that is required.

Respectfully submitted,

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I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to the Commissioner of Patents and Trademarks, Washington, D.C. 20231, Attn: Official Draftsman.

Amy M. Flick
Amy M. Flick

Date: 11-28-2001

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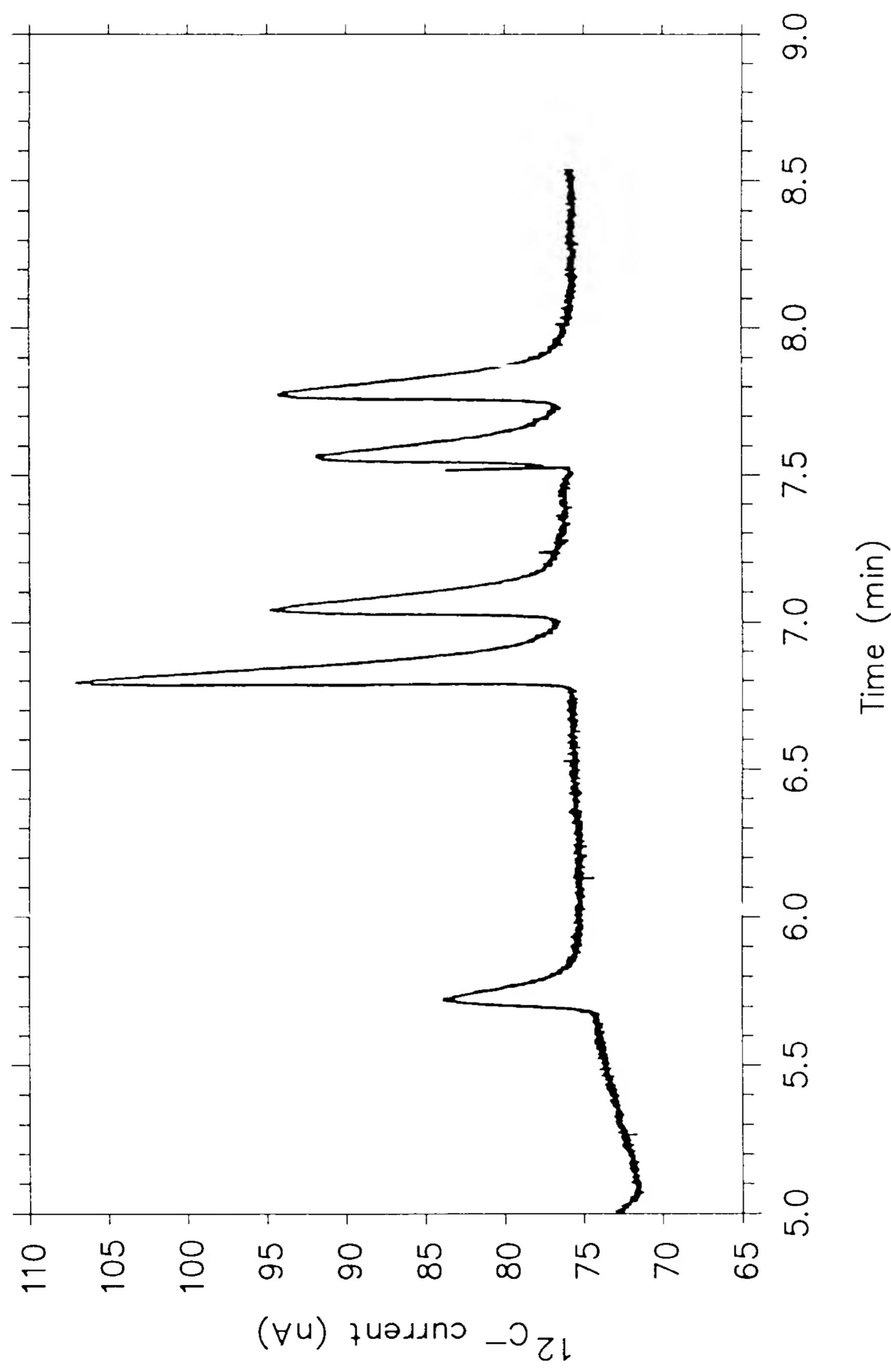


FIG. 1

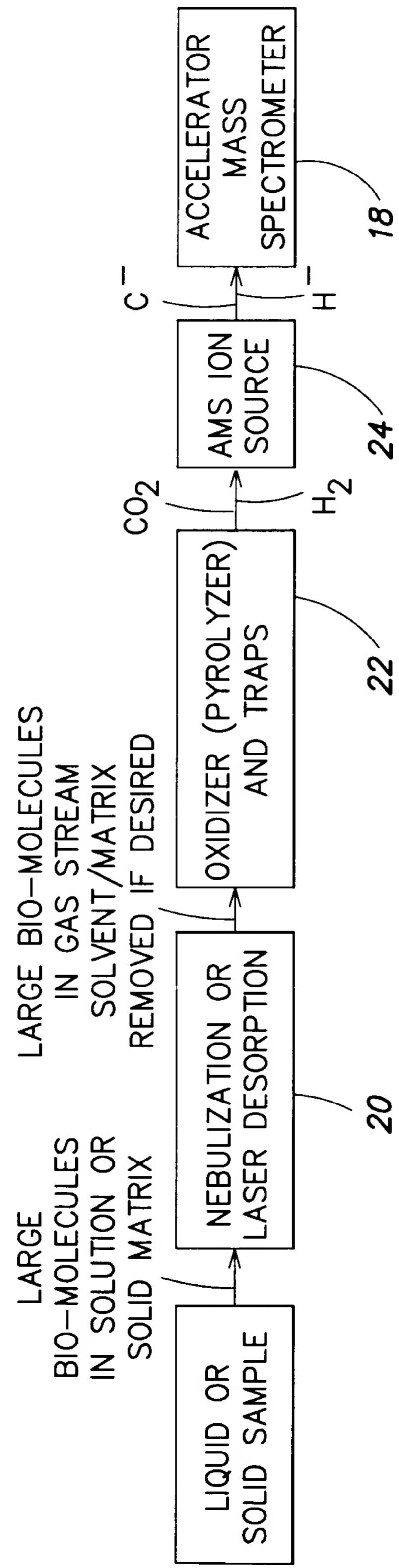


FIG. 2

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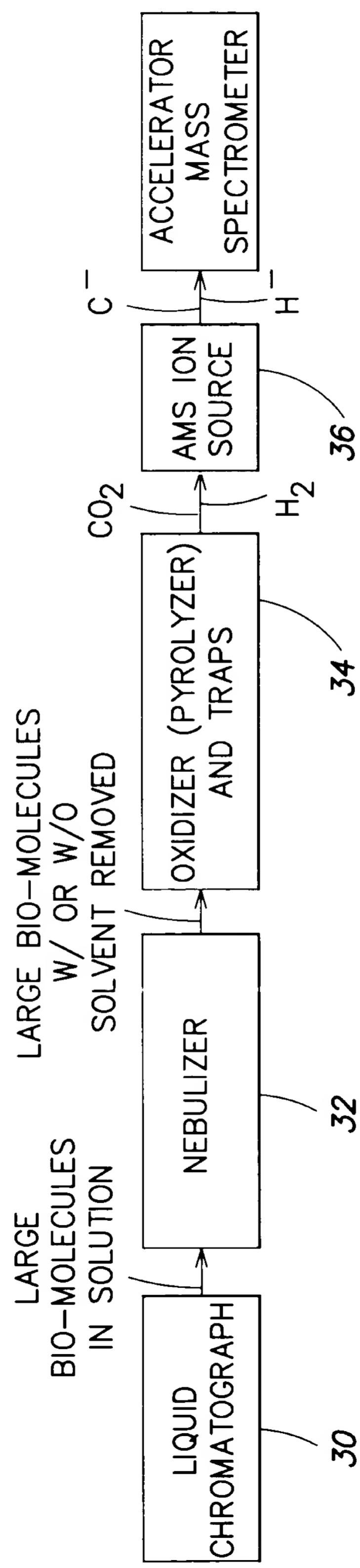


FIG. 3

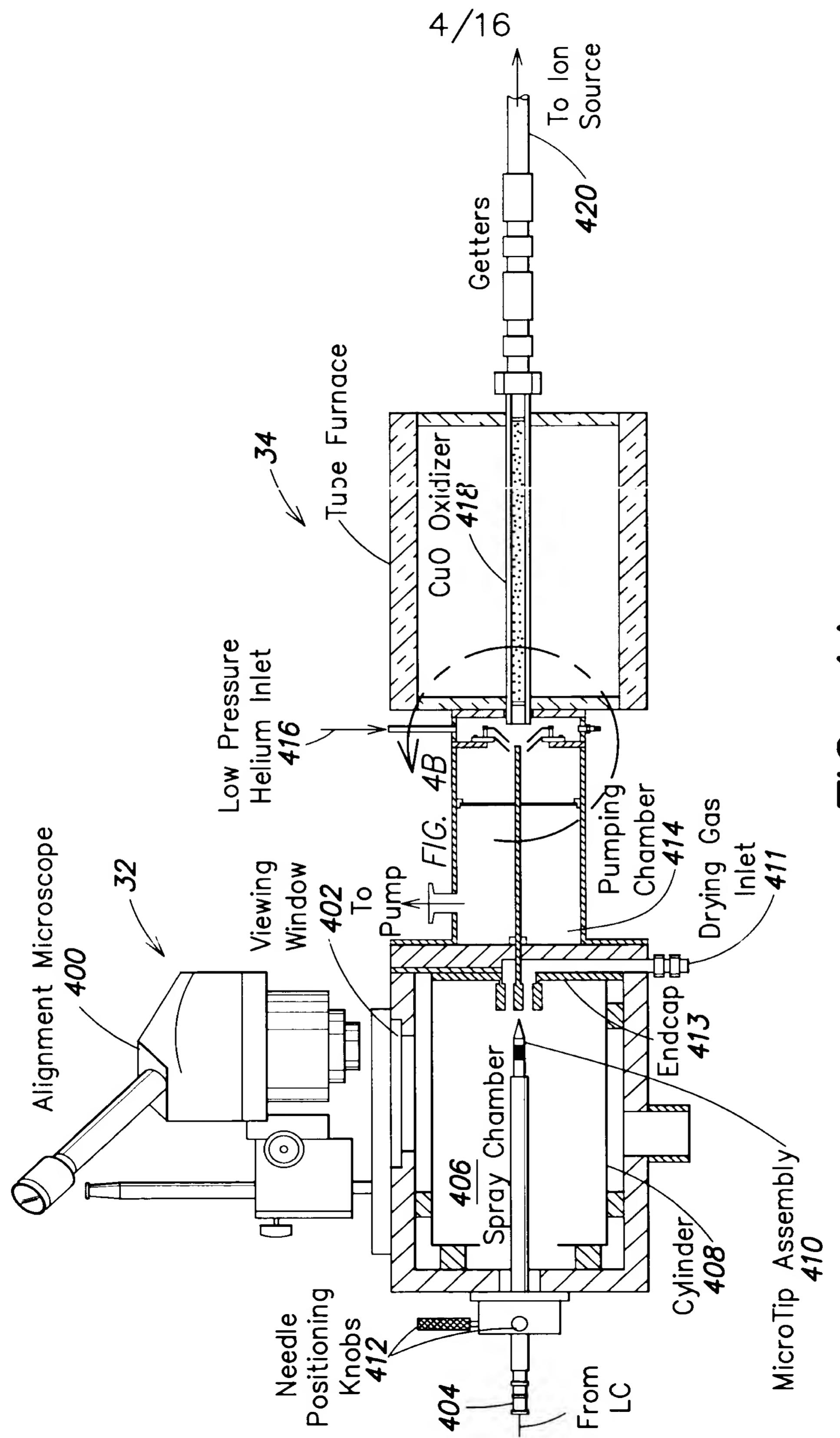


FIG. 4A

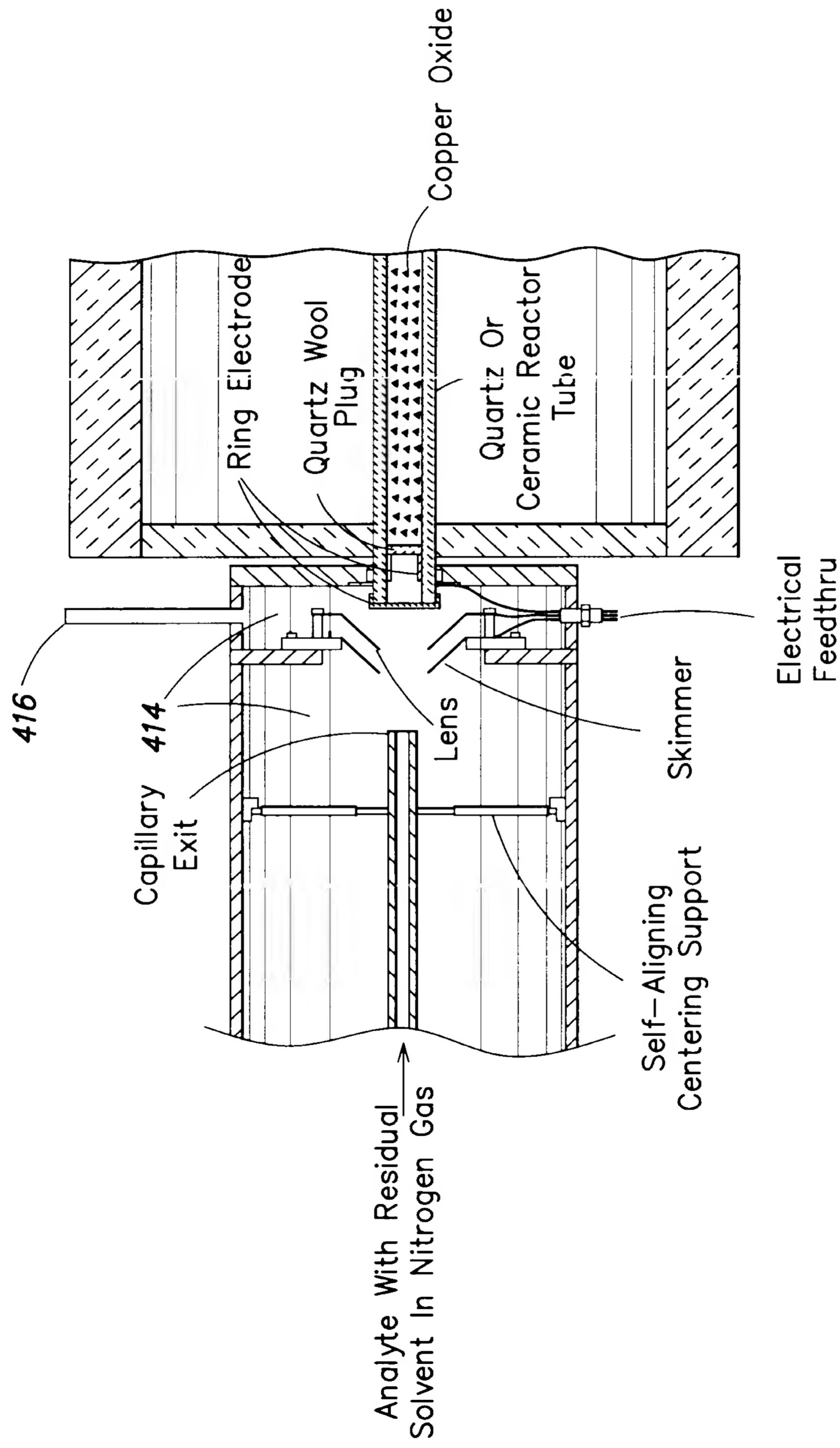
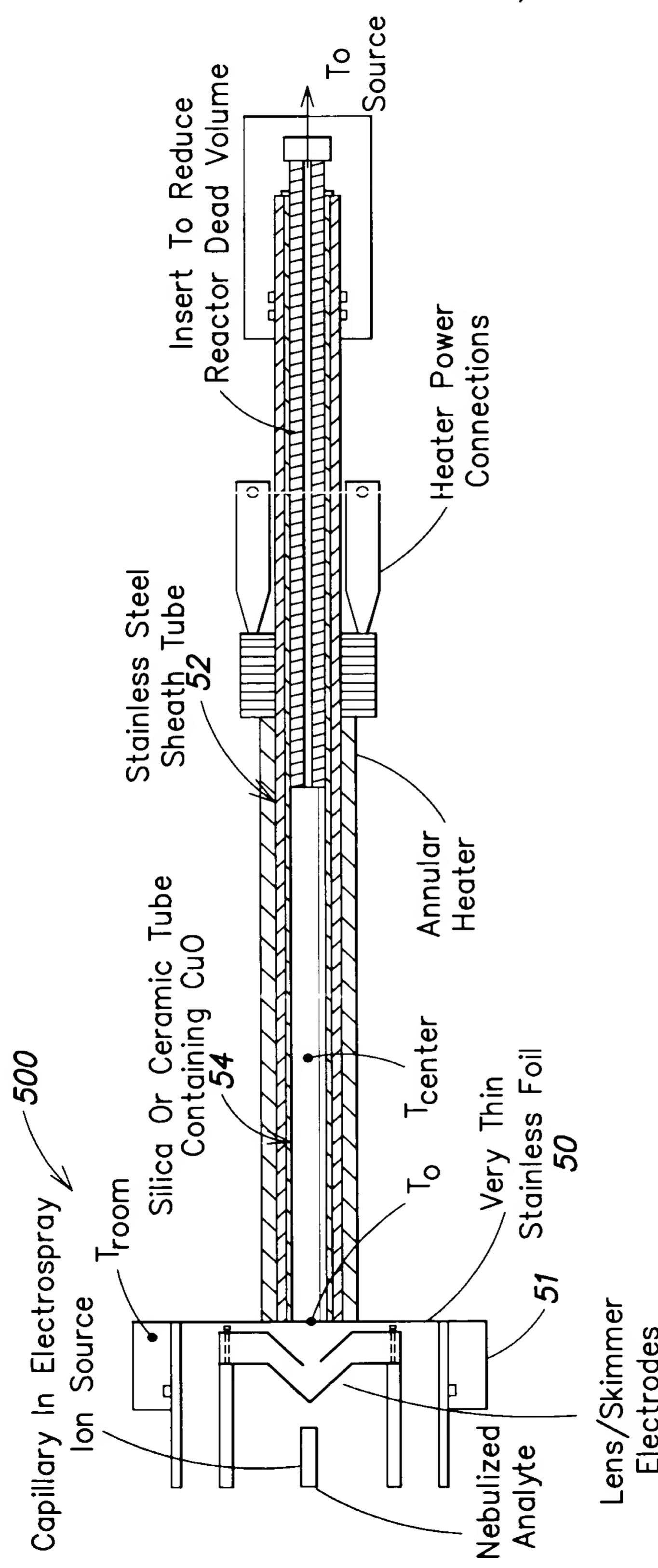


FIG. 4B

FIG. 5



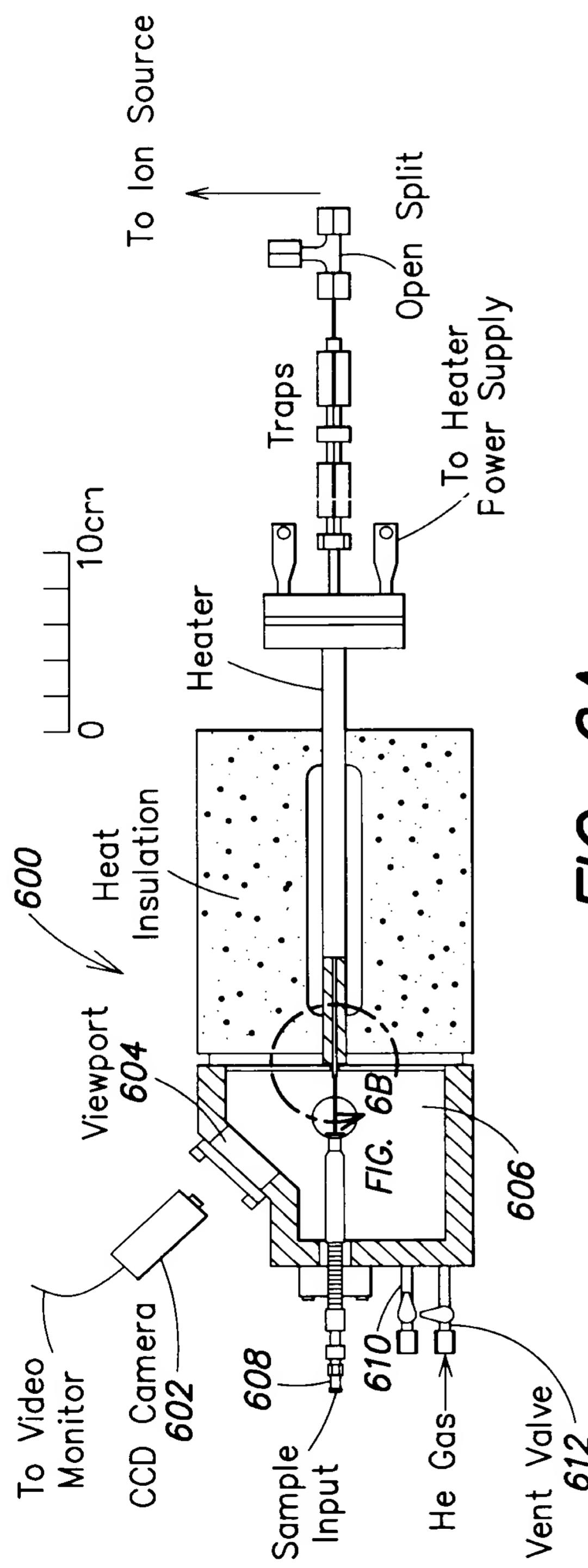


FIG. 6A

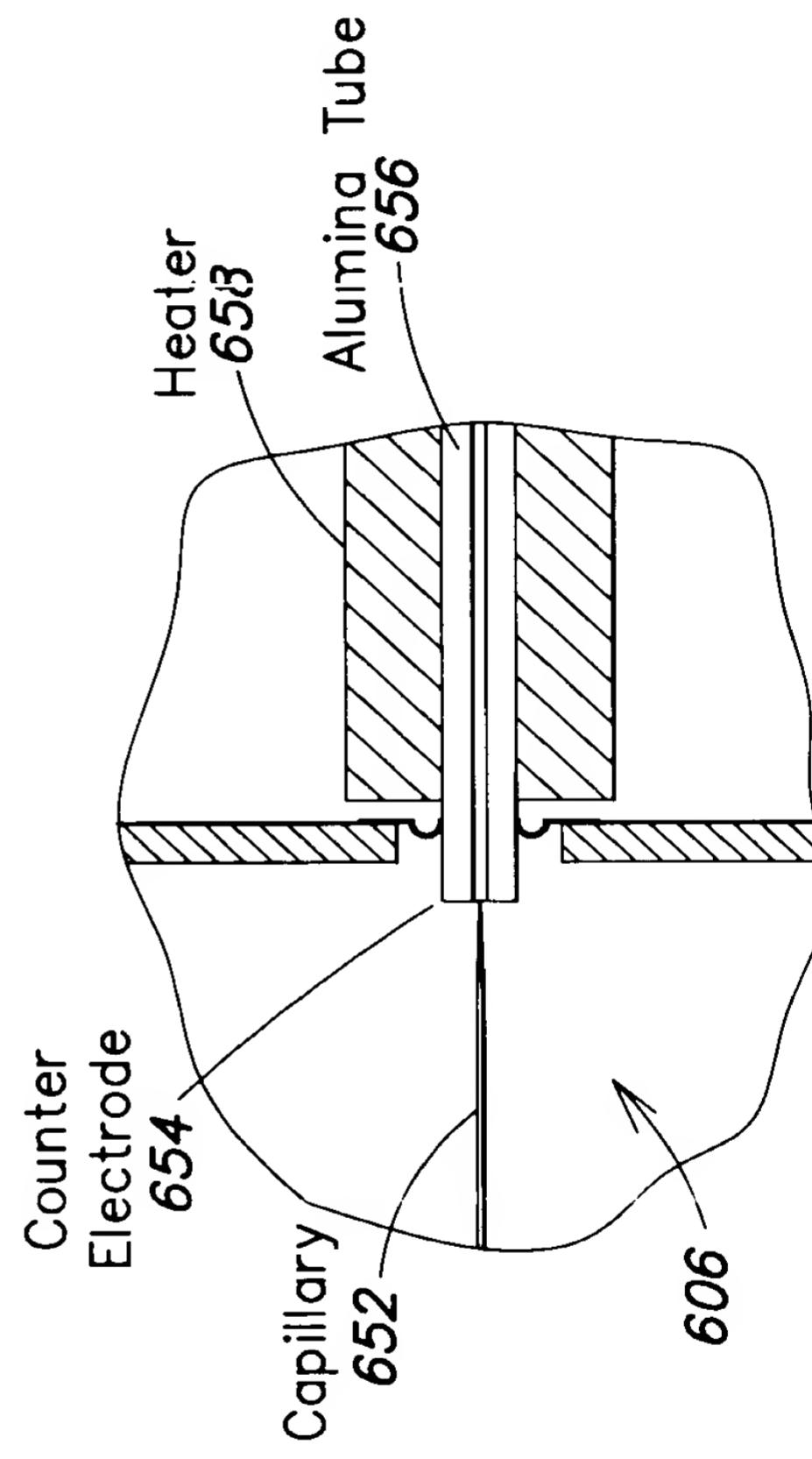


FIG. 6B

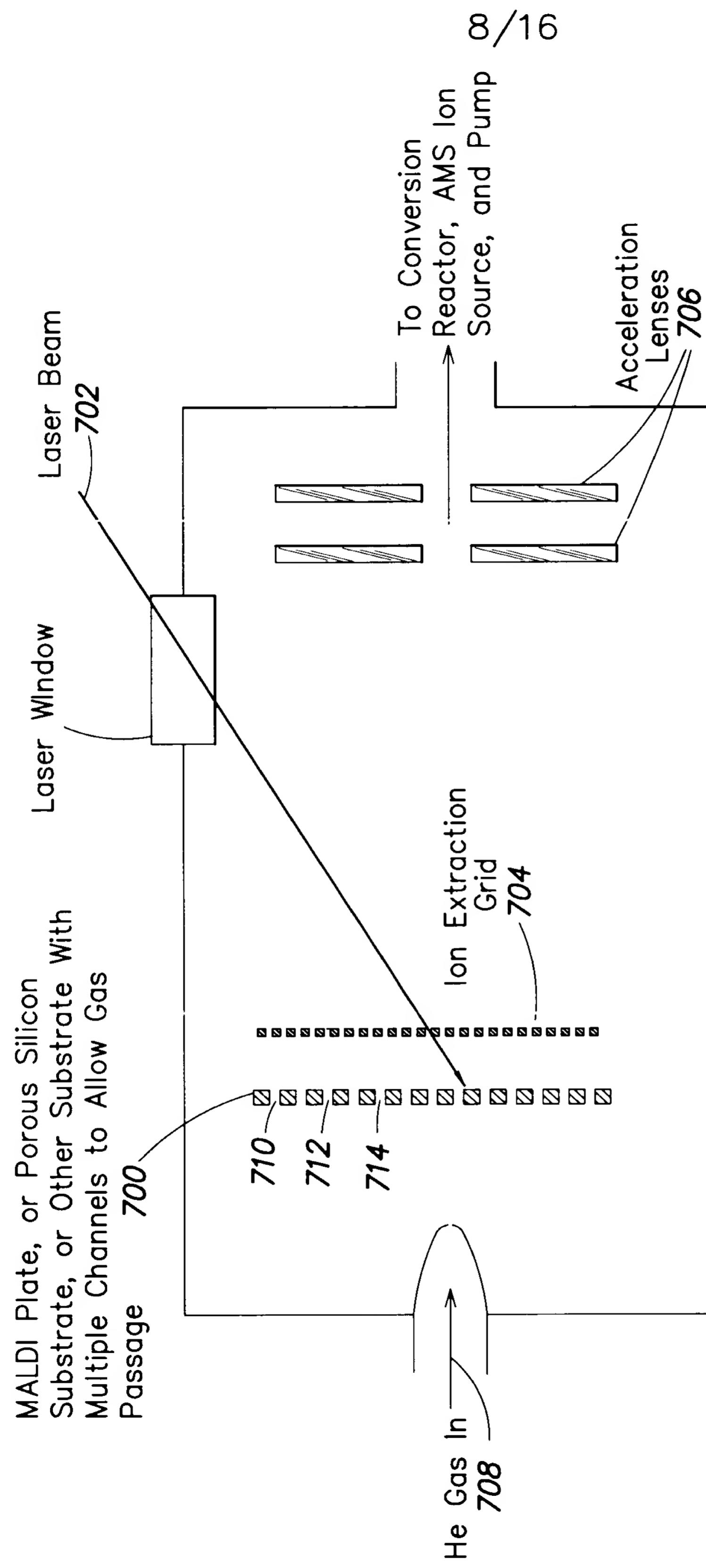


FIG. 7

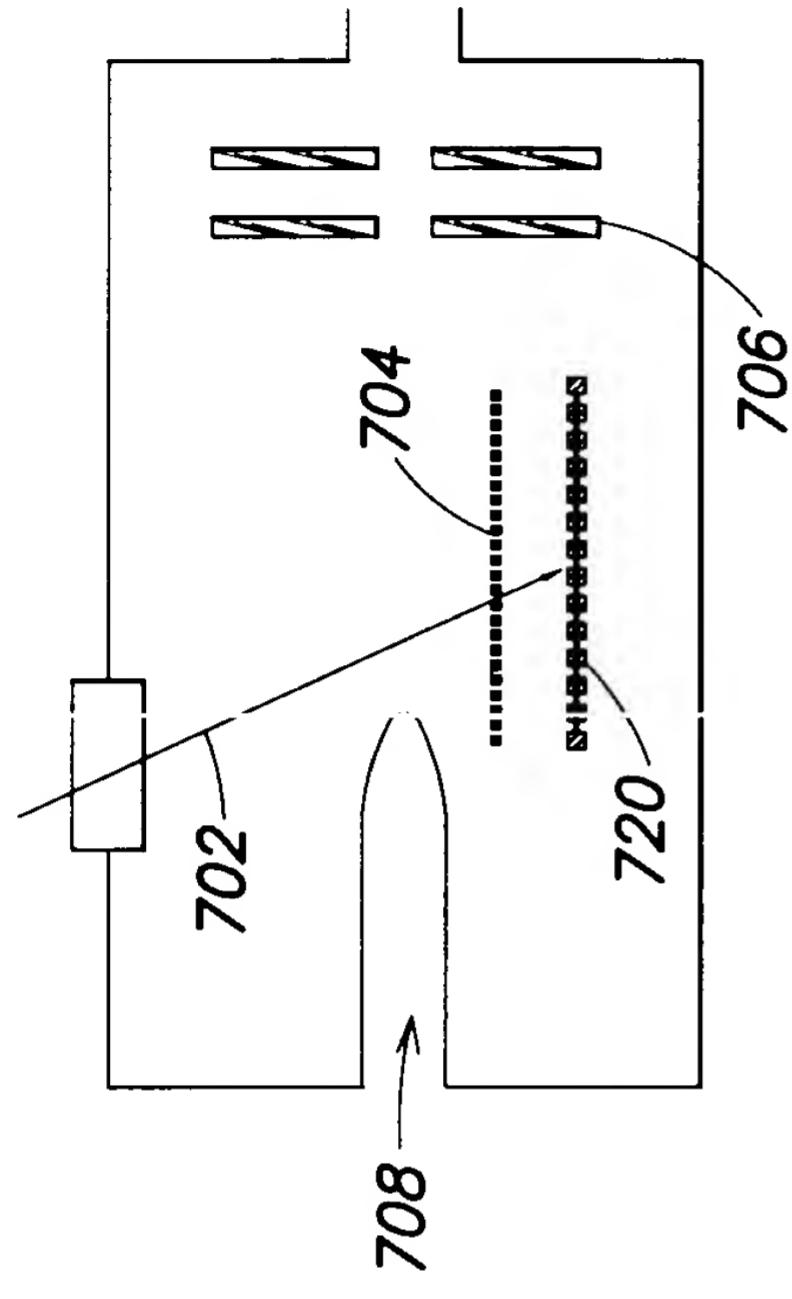


FIG. 8A

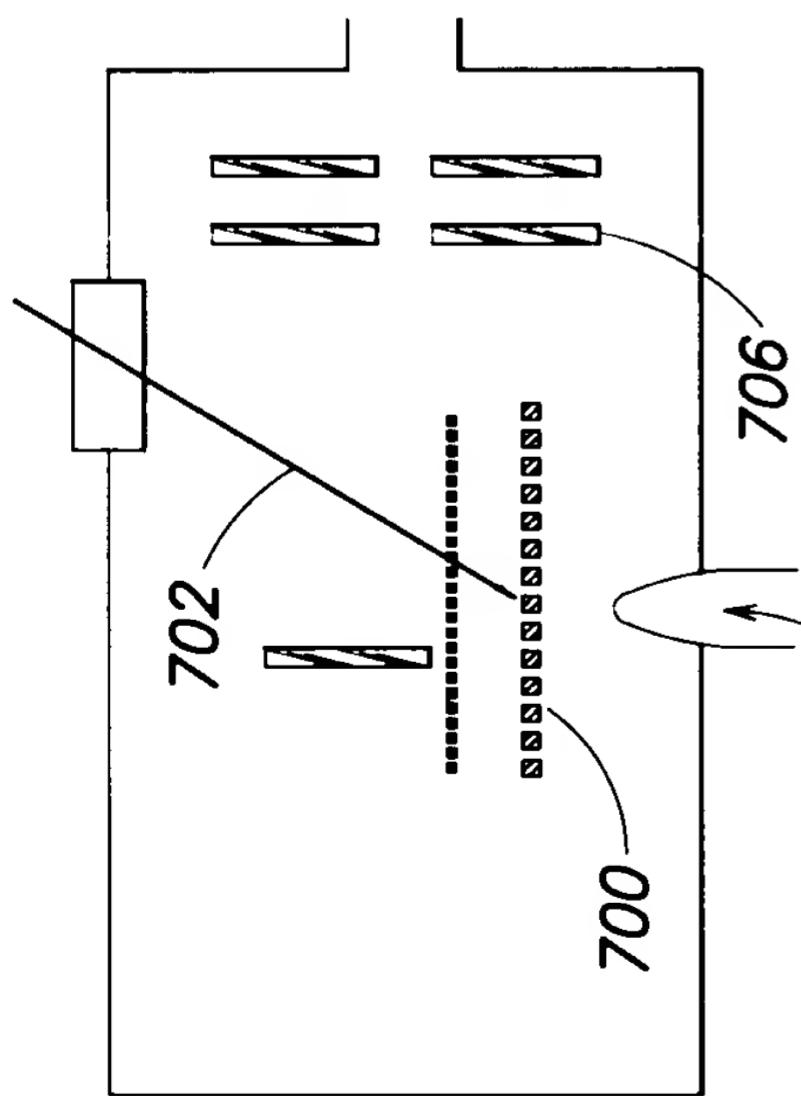


FIG. 8B

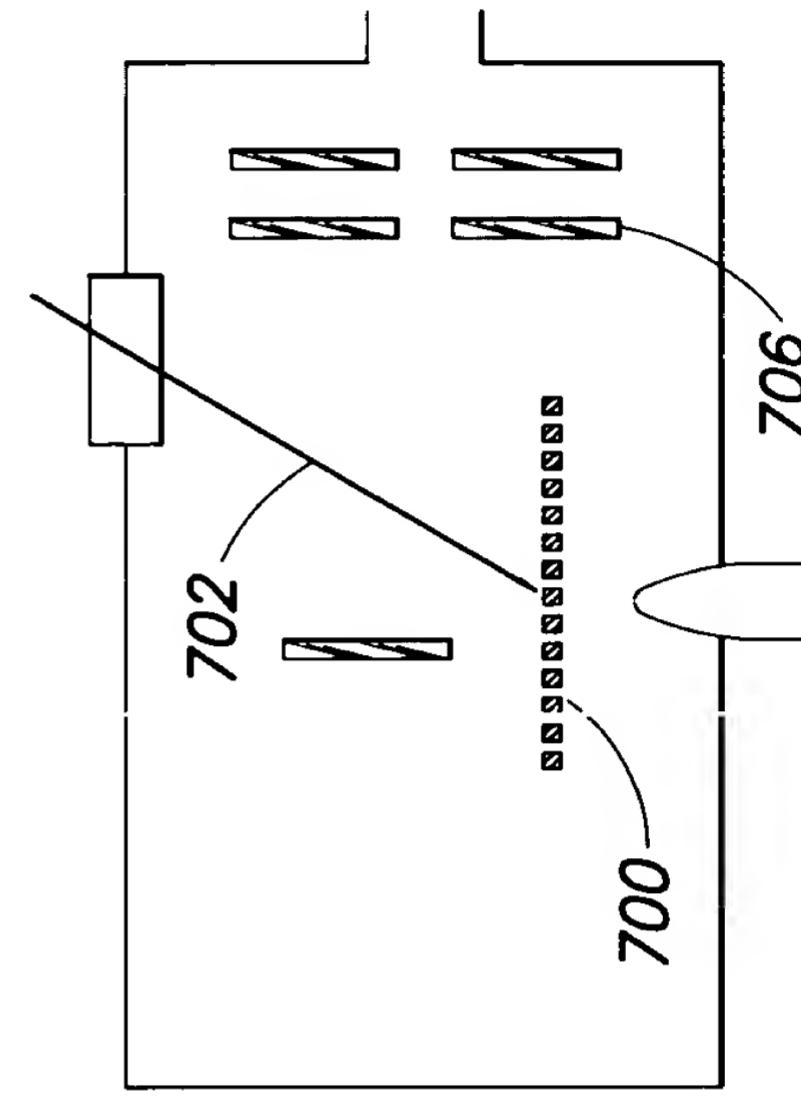


FIG. 8C

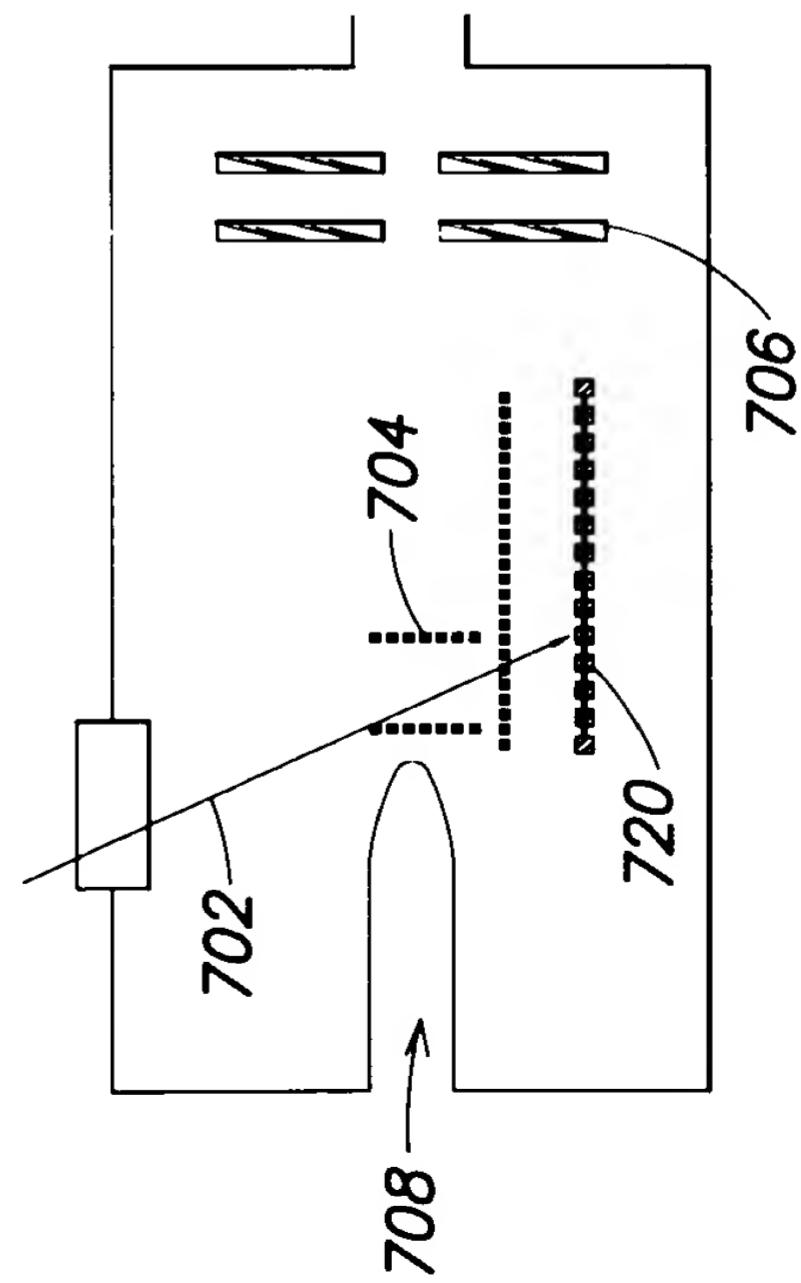


FIG. 8D

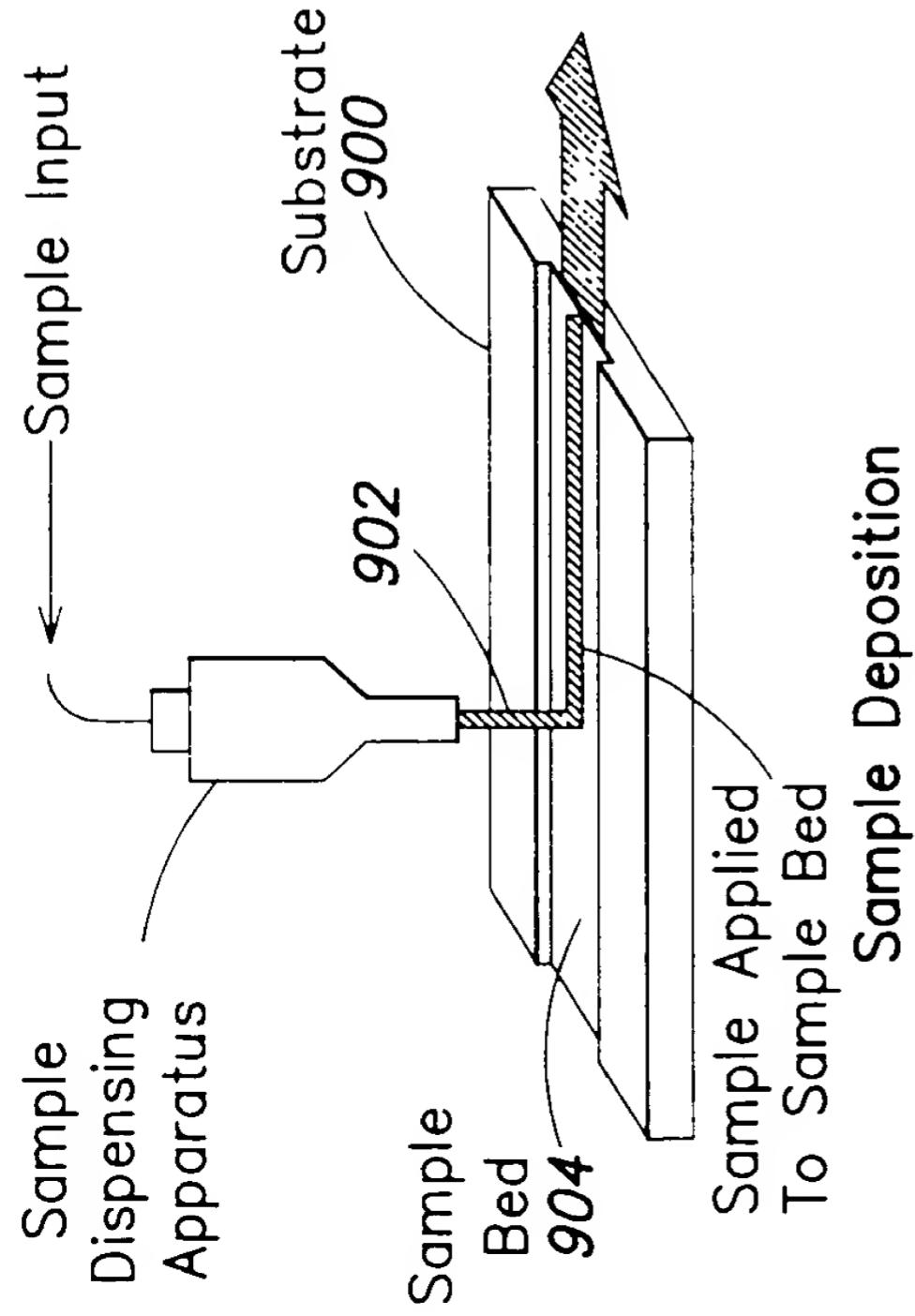


FIG. 9A

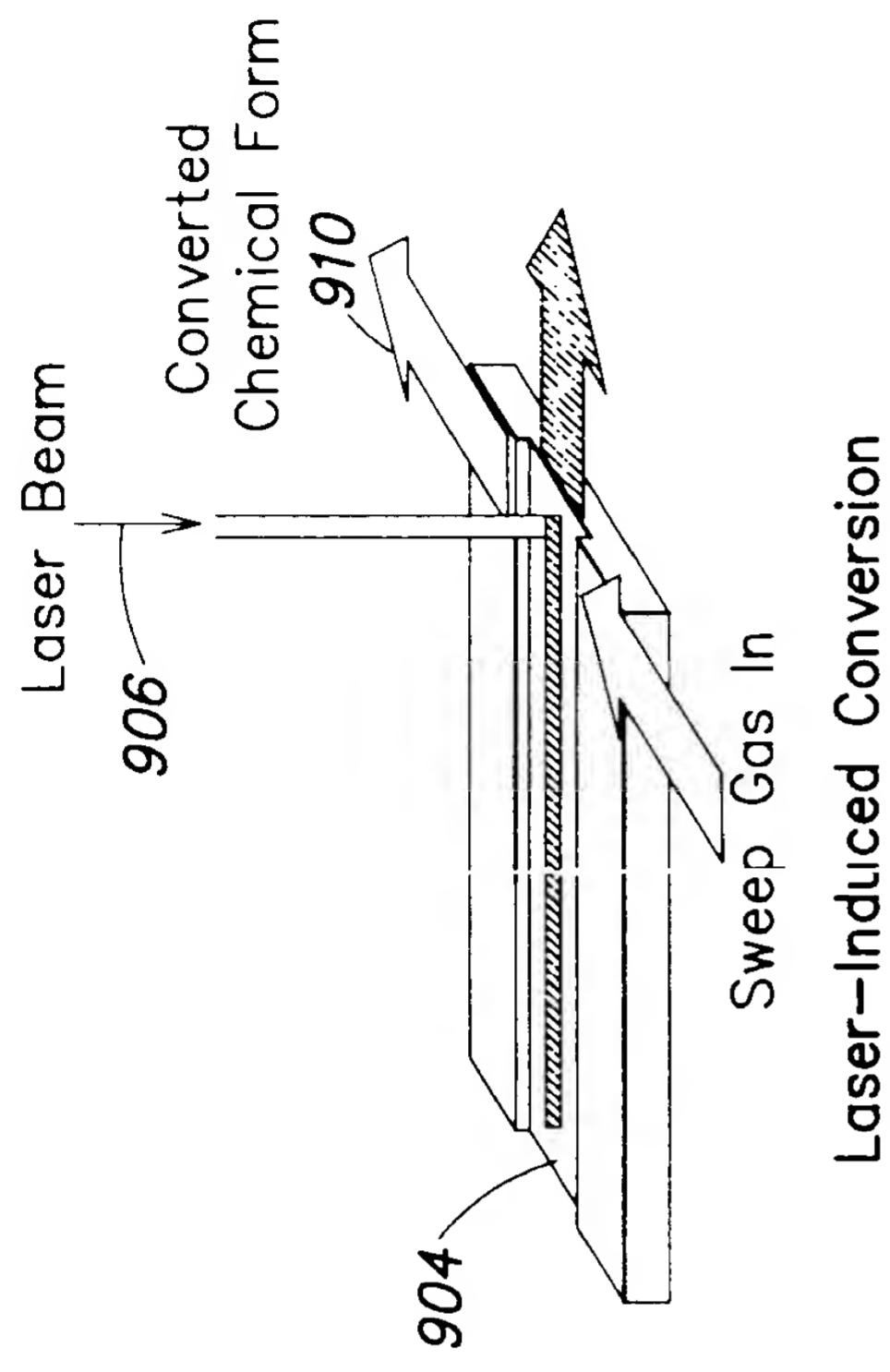


FIG. 9B

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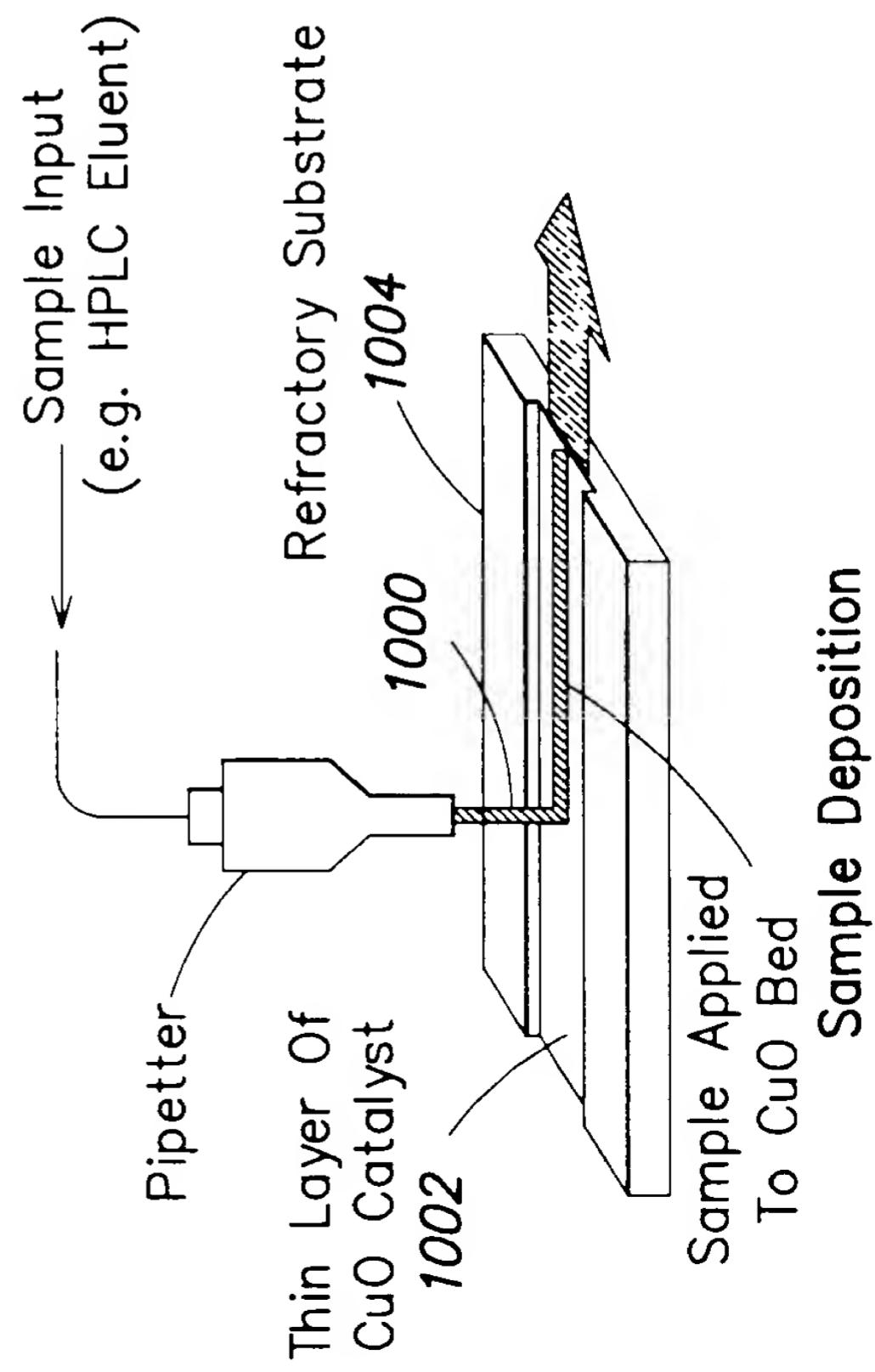


FIG. 10A

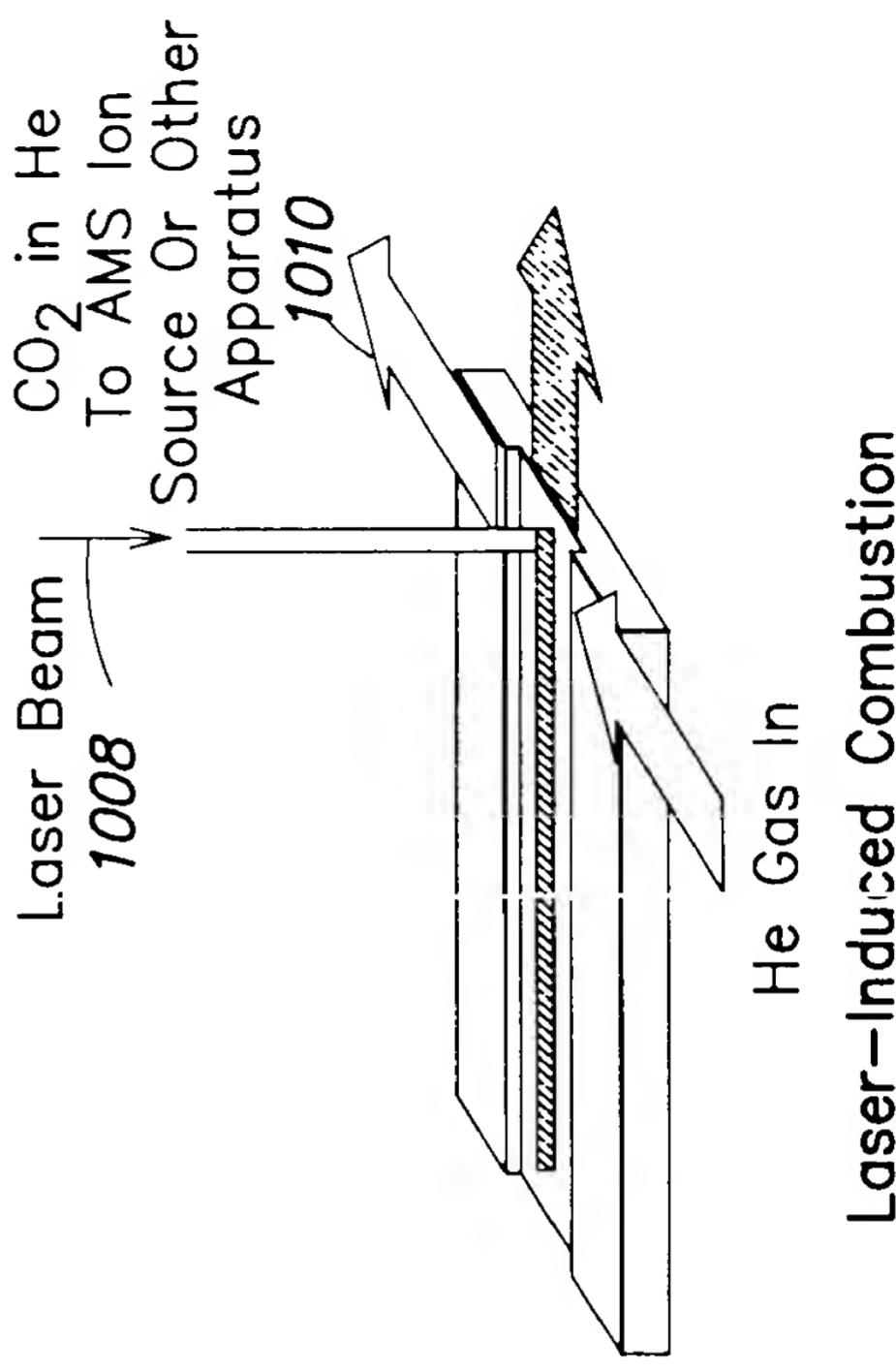


FIG. 10B

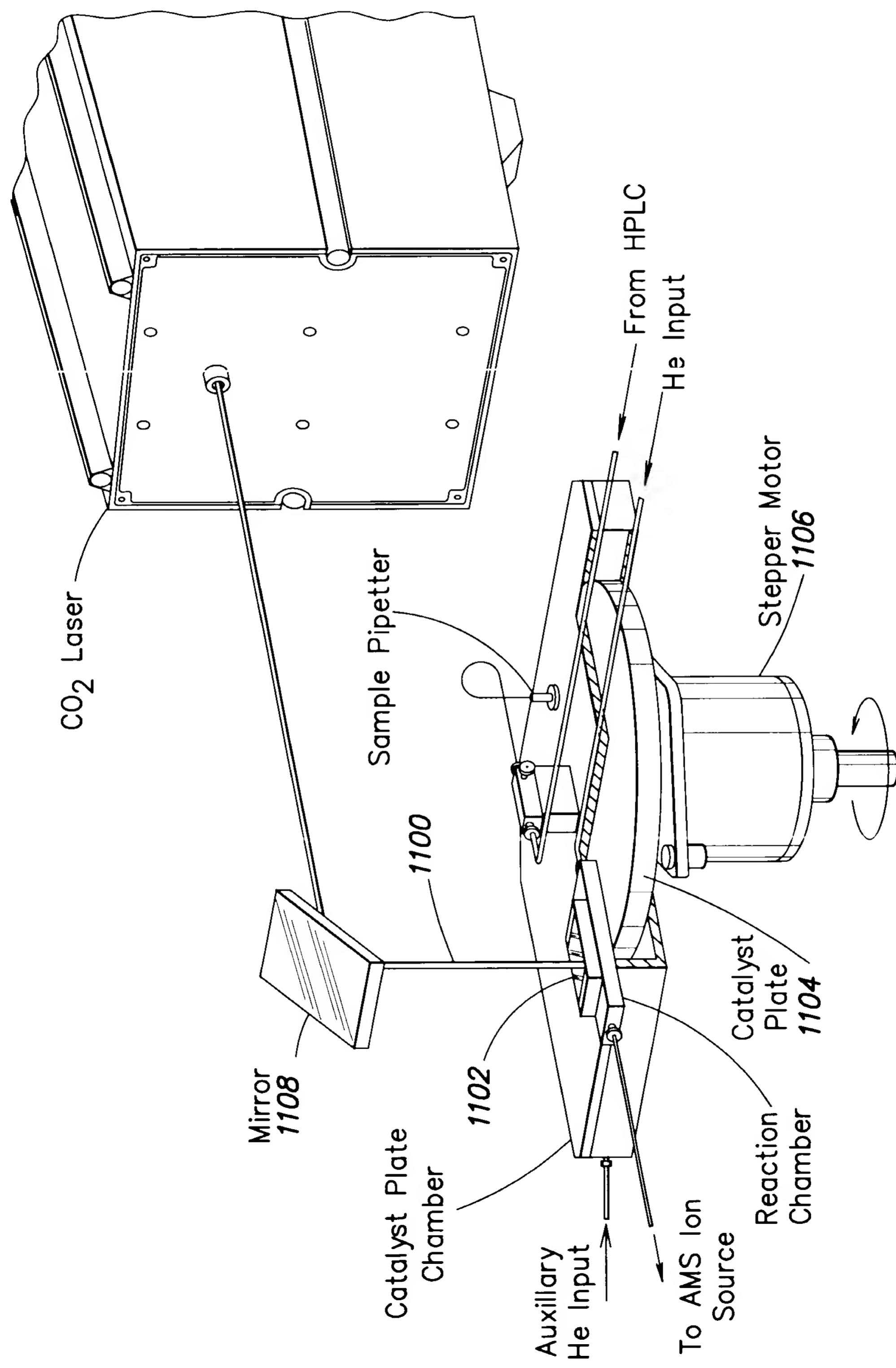


FIG. 11A

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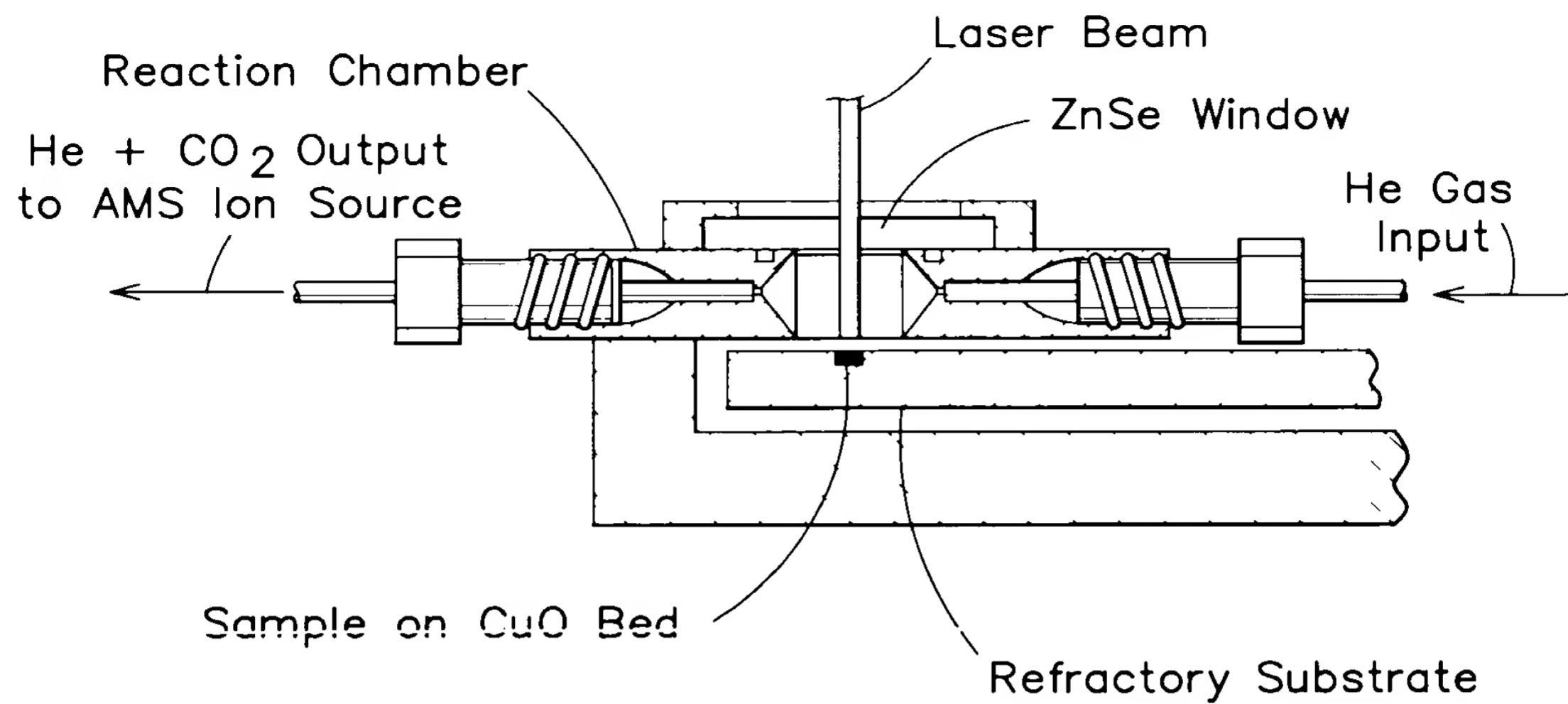


FIG. 11B

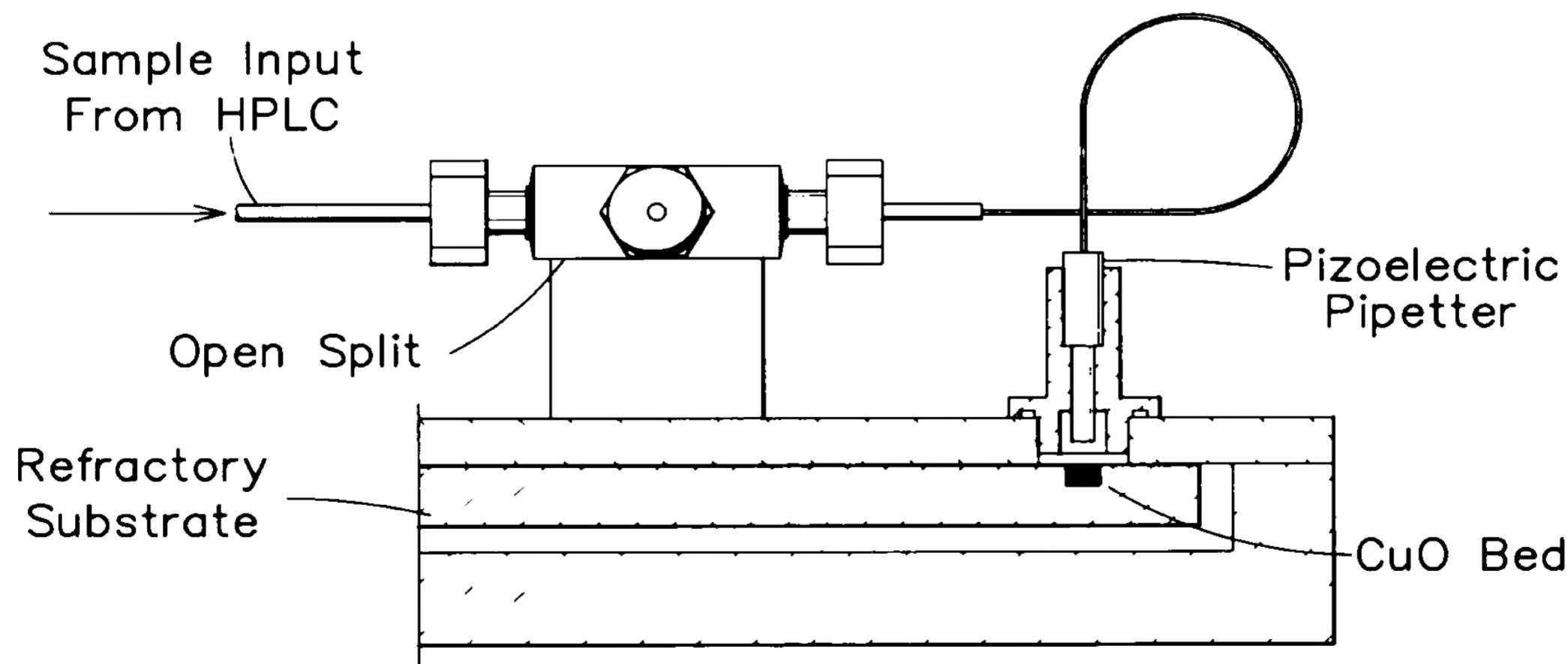


FIG. 11C

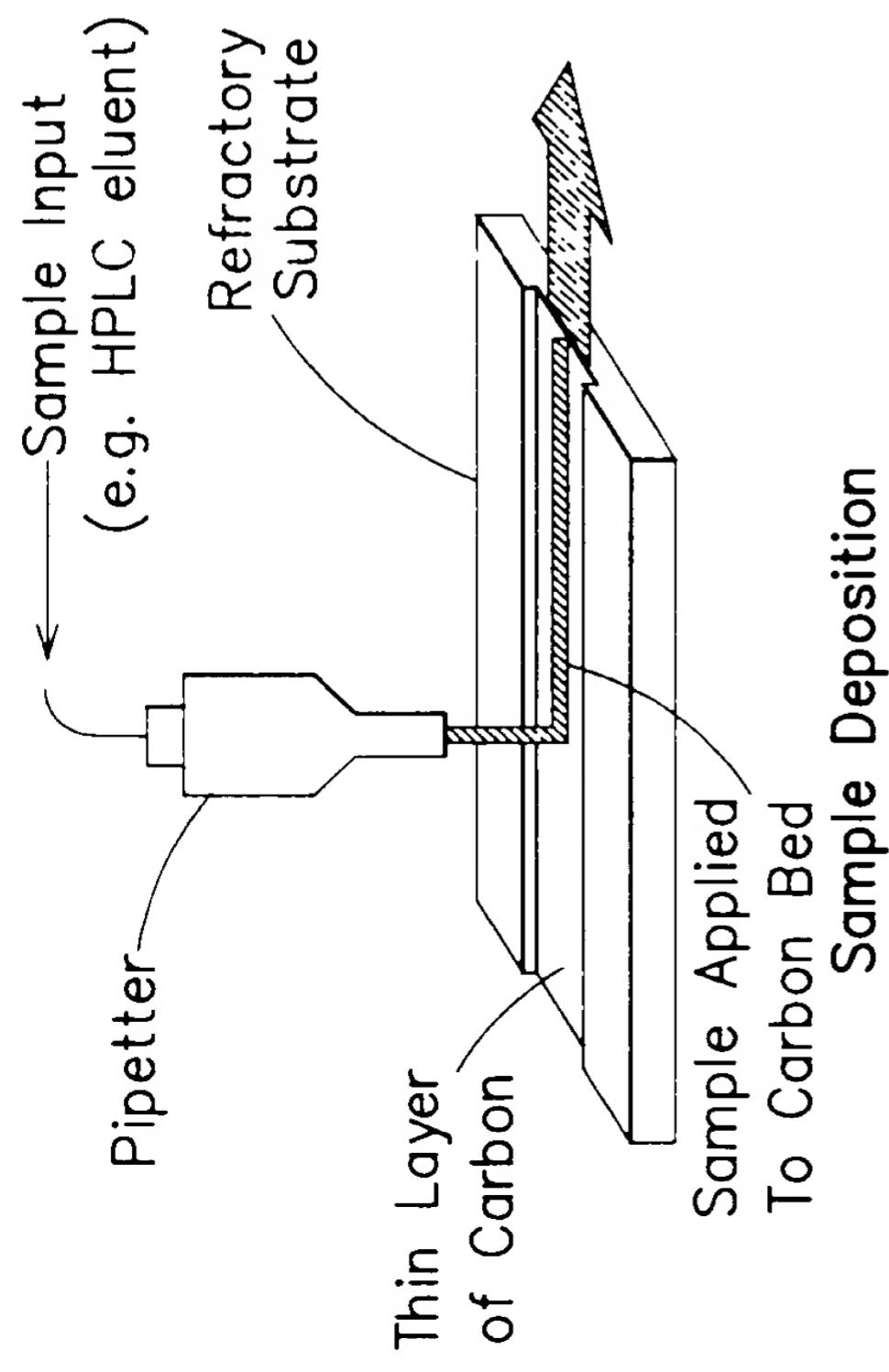


FIG. 12A

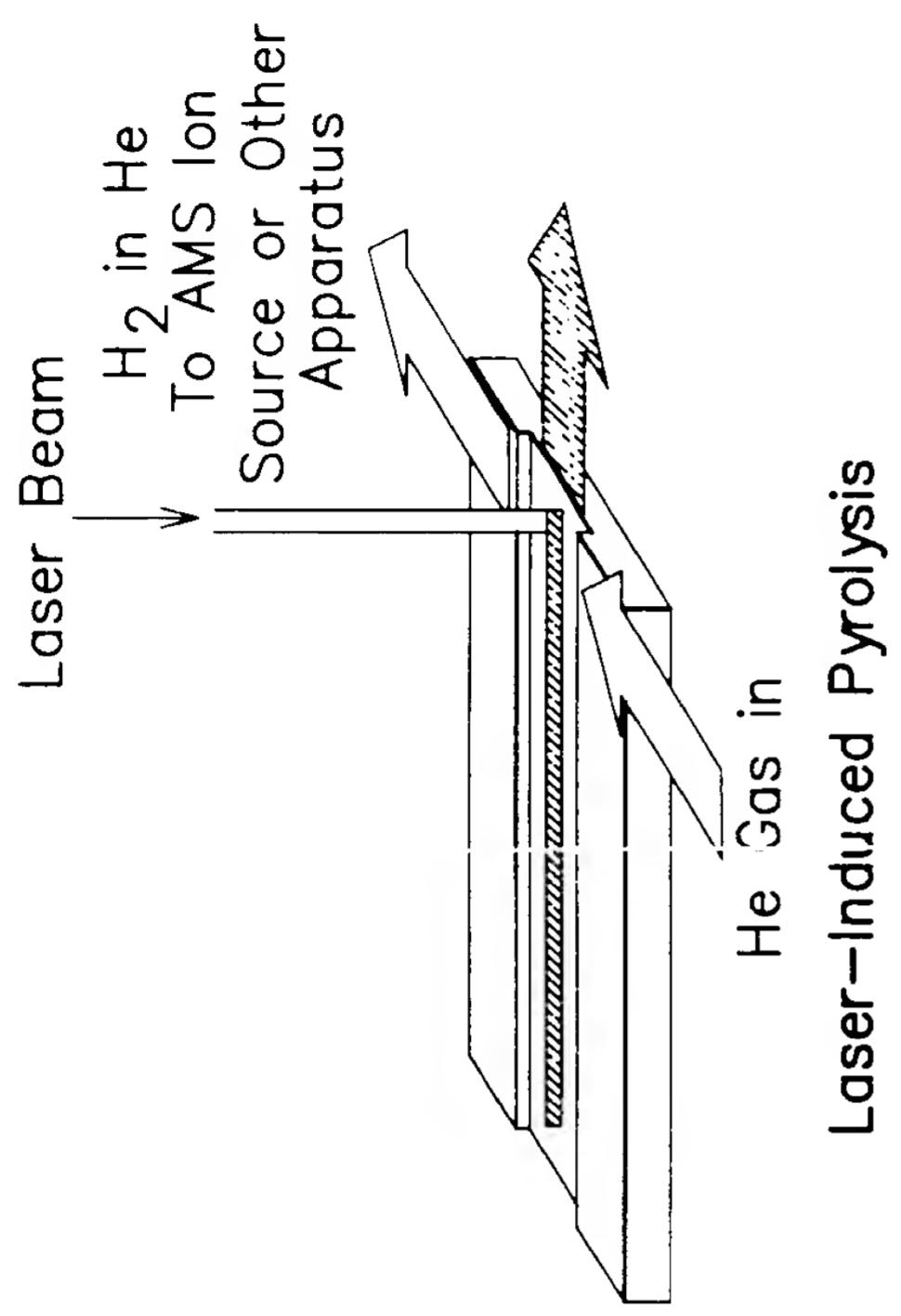


FIG. 12B

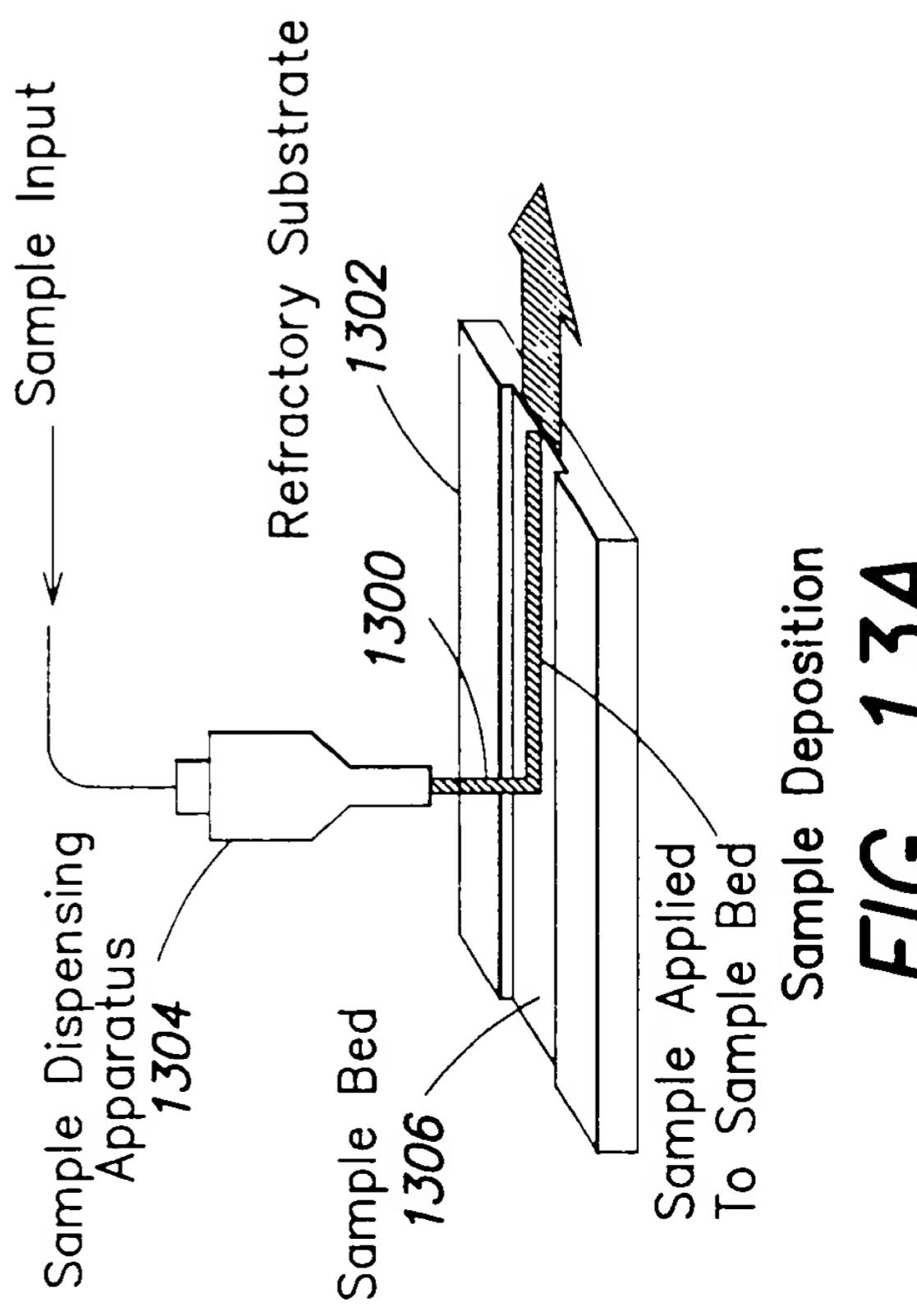


FIG. 13A

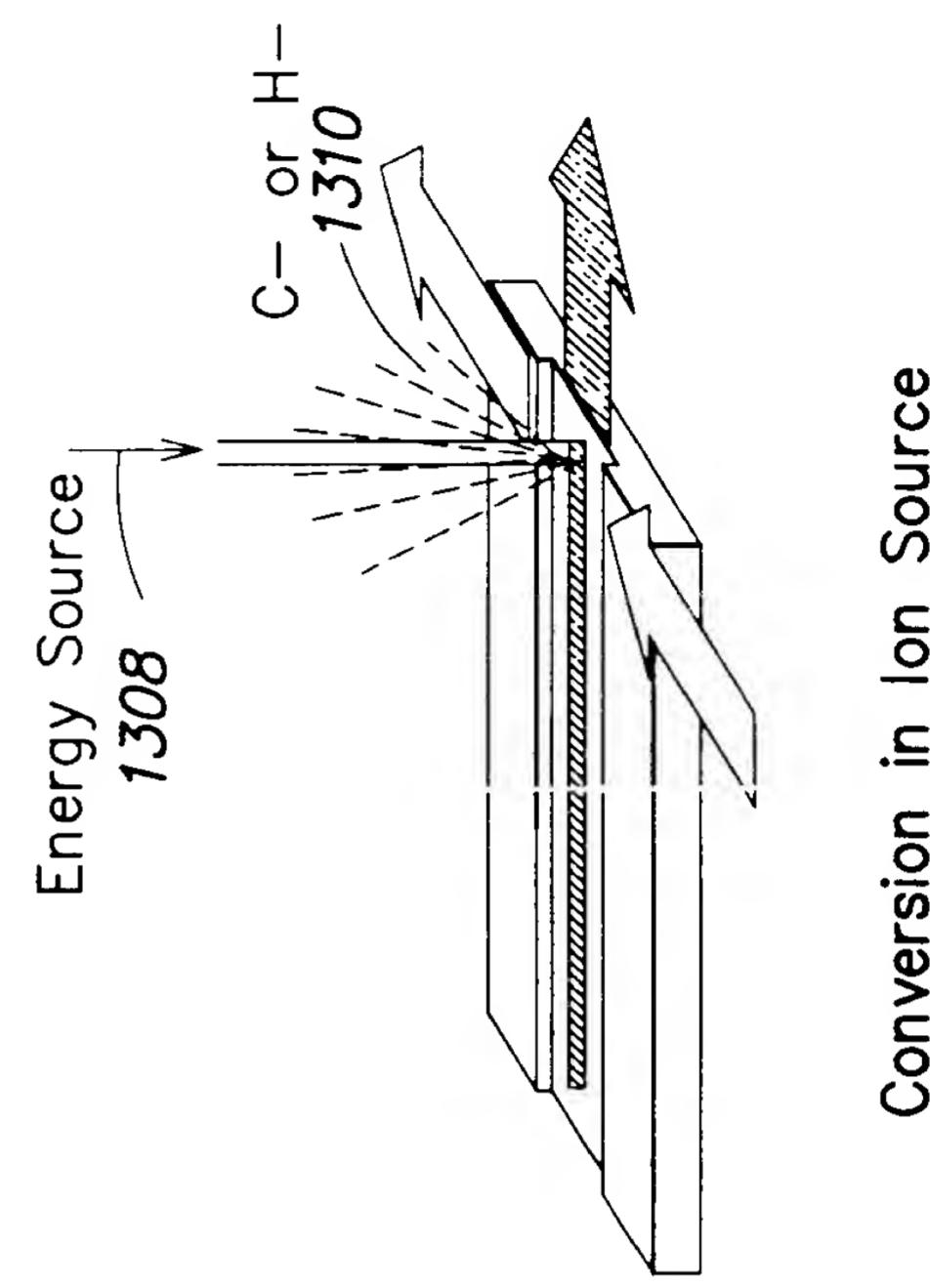
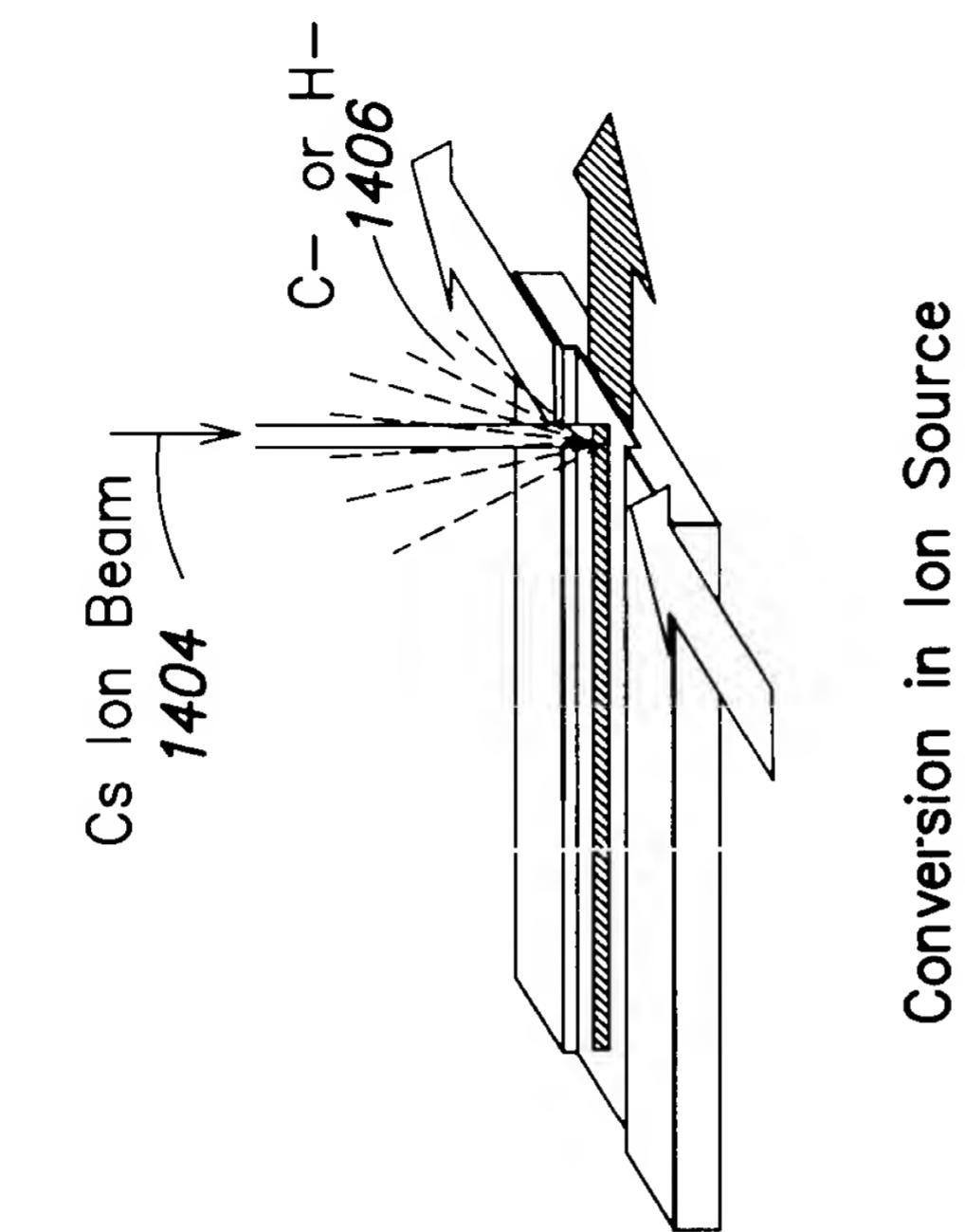
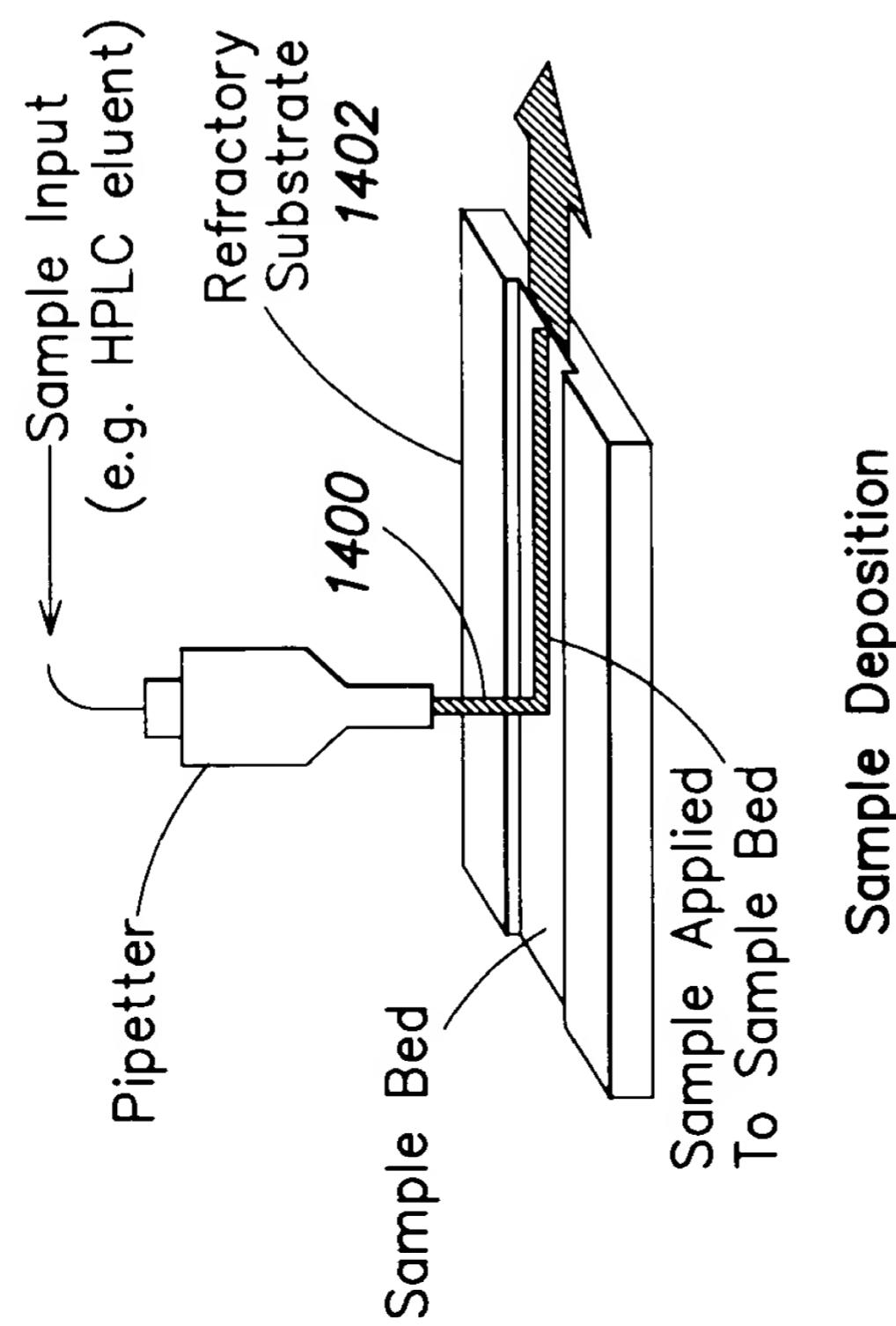


FIG. 13B

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Conversion in Ion Source



Sample Deposition

FIG. 14A

FIG. 14B

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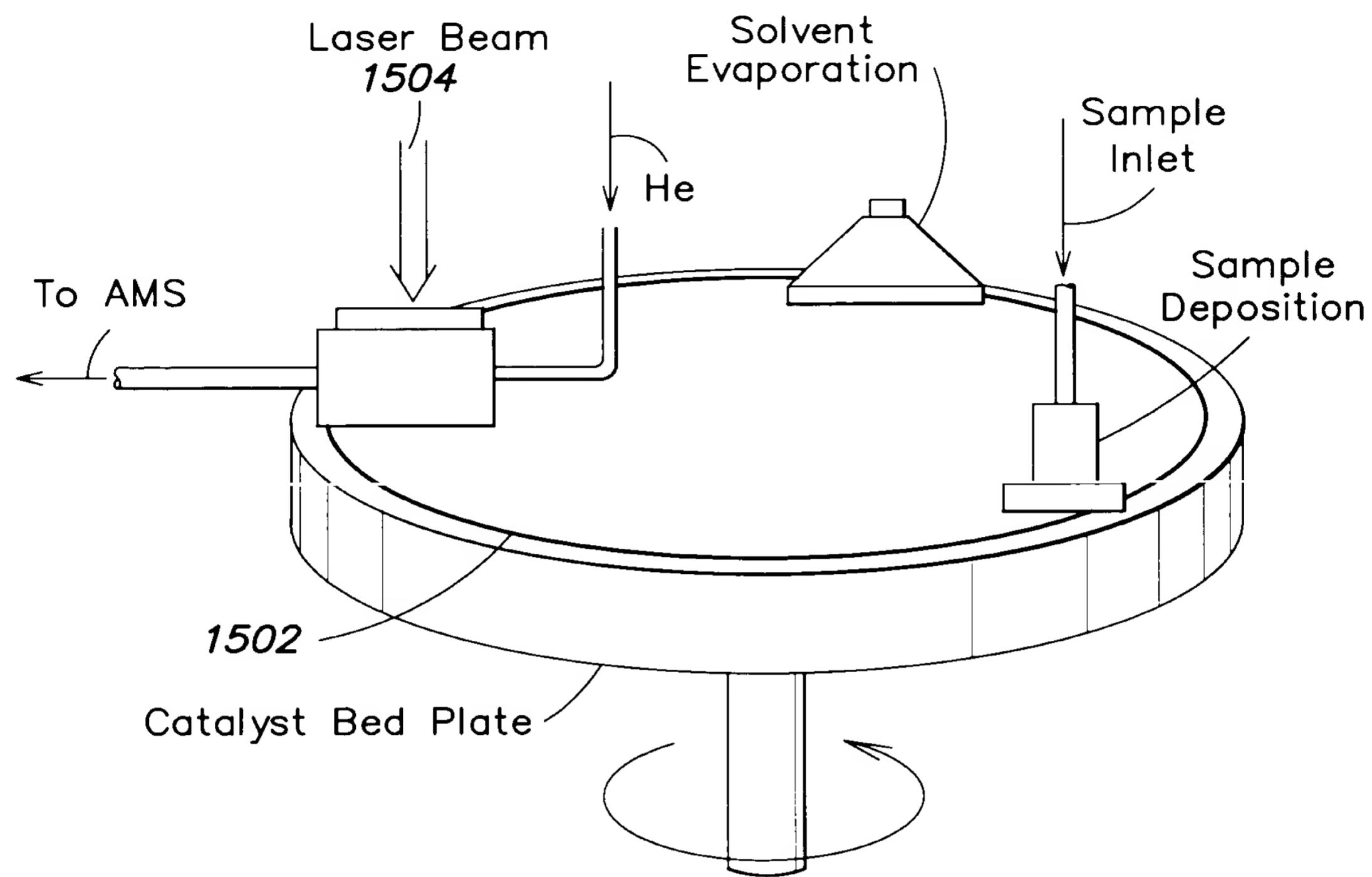


FIG. 15

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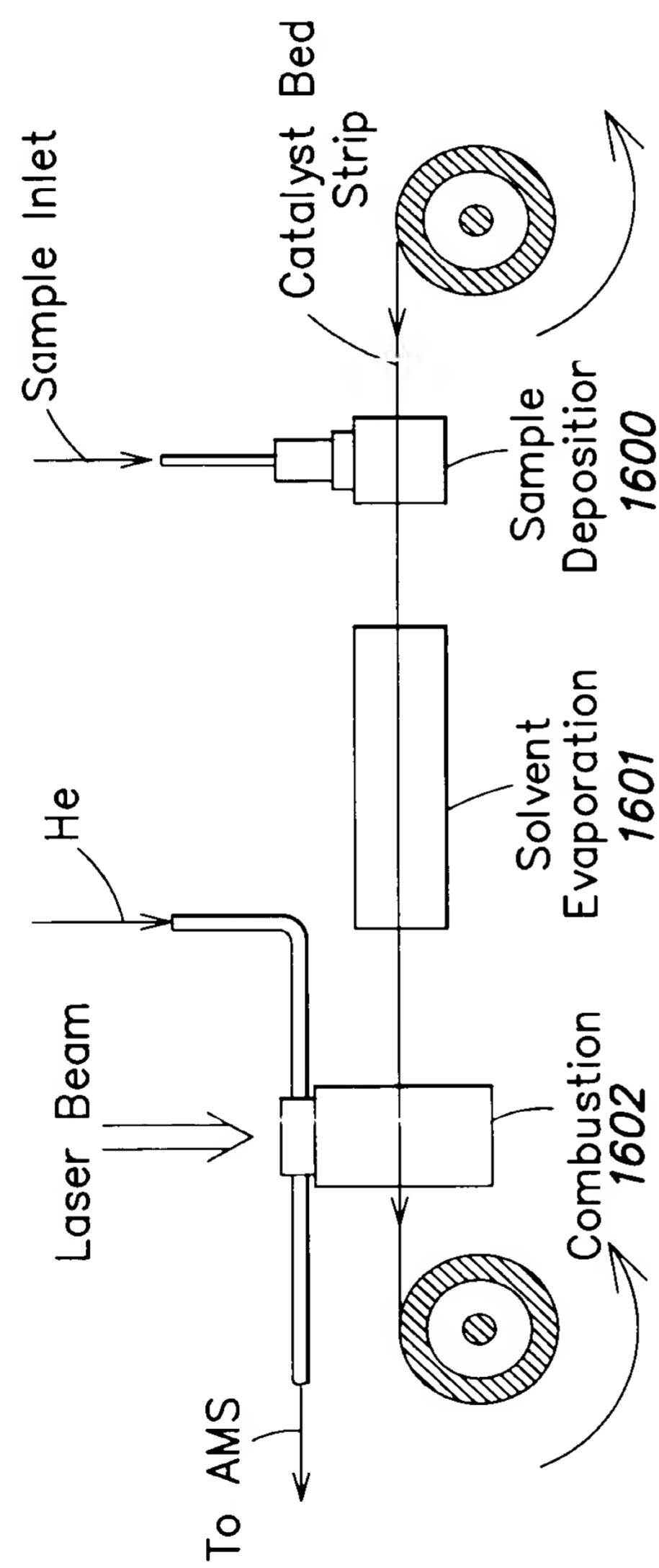


FIG. 16